

Title (en)

Analog sensors bus

Title (de)

Analogger Sensorbus

Title (fr)

Bus analogique pour capteurs

Publication

EP 2063403 A1 20090527 (EN)

Application

EP 07121282 A 20071122

Priority

EP 07121282 A 20071122

Abstract (en)

The present invention concerns an architecture for the connection and the communication of a plurality of passive sensors to a common control/measurement system, using an analog communication bus made of two physical wires only, and a method for reading the same sensors.

IPC 8 full level

G08C 19/02 (2006.01)

CPC (source: EP US)

G01D 21/00 (2013.01 - EP US); **G01K 1/026** (2013.01 - EP US); **G01K 7/20** (2013.01 - EP US); **G08C 19/02** (2013.01 - EP US);
G01K 2207/06 (2013.01 - EP US)

Citation (search report)

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- [Y] US 5097703 A 19920324 - PETER HOCHSTEIN [US]
- [X] PATRIK MELV 1/2 ASMELVAS ET AL: "A Diode-Based Two-Wire Solution for Temperature-Compensated Piezoresistive Pressure Sensors", IEEE TRANSACTIONS ON ELECTRON DEVICES, IEEE SERVICE CENTER, PISACATAWAY, NJ, US, vol. 50, no. 2, 1 February 2003 (2003-02-01), XP011072526, ISSN: 0018-9383

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EP2402830A1; WO2012001168A1

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DE ES FR GB IT

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 2063403 A1 20090527; EP 2063403 B1 20110622; CA 2643920 A1 20090522; CA 2643920 C 20160927; ES 2368507 T3 20111117;
US 2009138241 A1 20090528; US 8538731 B2 20130917

DOCDB simple family (application)

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